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HDP/SB/21 based on PTO/SB/21 (08-00)

# TRANSMITTAL FORM

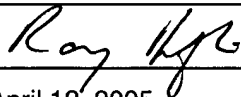
(to be used for all correspondence after initial filing)

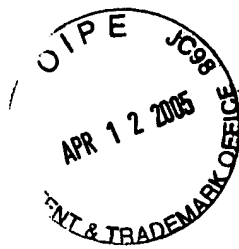
Application Number	10/033,035
Filing Date	December 27, 2001
Inventor(s)	Günter RIES et al.
Group Art Unit	2836
Examiner Name	Danny Nguyen
Attorney Docket Number	32860-000257/US

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <div>Remarks</div> <div><b>MAIL STOP AMENDMENT</b></div>	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Two (2) Articles</b>
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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Ray Heflin	Reg. No.	41,060
Signature					
Date	April 12, 2005				



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/033,035  
Filing Date: December 27, 2001  
Applicant(s): Günter RIES et al.  
Conf. No.: 8621  
Group No.: 2836  
Examiner: Danny Nguyen  
Title: FLUX PUMP WITH A SUPERCONDUCTOR AND  
SUPERCONDUCTING ELECTROMAGNET TO BE  
OPERATED THEREWITH  
Attorney Docket No.: 32860-000257/US

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Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop Amendment**

April 12, 2005

**AMENDMENT**

Sir:

In reply to the Office Action dated January 12, 2005, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 8.